

EAST  
10/12/03

L Number	Hits	Search Text	DB
1	1	"20030094479"	USPAT; US-PGPUB
2	1	"20030094479" and friction near3 material	USPAT; US-PGPUB
3	595	(back or backing) adj plate same loop	USPAT; US-PGPUB
4	50	(back or backing) adj plate same loop same	USPAT; US-PGPUB
5	2218	(brake or braking or clutch)	USPAT; US-PGPUB
6	1251	(back or backing) adj plate same (brake or braking)	USPAT; US-PGPUB
7	12	(back or backing) adj plate same (lining or pad)	USPAT; US-PGPUB
8	16	(back or backing) adj plate near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USPAT; US-PGPUB
10	33	(back or backing or support adj plate) near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USOCR
9	45	(back or backing or support adj plate) near4 (loop or ushape or ushaped or u adj shape or u adj shaped) same (brake or braking) same (lining or pad)	USPAT; US-PGPUB; EPO; JPO; DERWENT USOCR
11	30	(188/256).CCLS.	
12	106	(188/255).CCLS.	USPAT; US-PGPUB
13	341	(188/250g).CCLS.	USPAT; US-PGPUB
14	173	188/250g.ccls.	USPAT; US-PGPUB
15	236631	188/250g.ccls. amd material same (rivet or fastener or attach or attachment or loop)	USOCR USOCR
16	54	188/250g.ccls. and material same (rivet or fastener or attach or attachment or loop)	USOCR
18	33	188/250g.ccls. and material near5 (rivet or fastener or attach or attachment or loop)	USPAT; US-PGPUB
17	12	188/250g.ccls. and material near5 (rivet or fastener or attach or attachment or loop)	USOCR
19	0	188/250g.ccls. and (nonmetallic or metalfree or metal adj free) near5 (rivet or fastener or attach or attachment or loop)	USOCR
20	0	188/250g.ccls. and (nonmetallic or metalfree or metal adj free) near5 (rivet or fastener or attach or attachment or loop)	USOCR
21	2	(nonmetallic or metalfree or metal adj free) adj2 rivet	USOCR
22	5	(nonmetallic or metalfree or metal adj free) adj2 rivet	USPAT; US-PGPUB; EPO; JPO; DERWENT

EAST

L Number	Hits	Search Text	DB
1	166	(188/73.32).CCLS.	USPAT;
2	68	(188/245).CCLS.	US-PGPUB
3	8	4326614.URPN.	USPAT;
4	23	("2379796"   "3162271"   "3194347"   "3838754"   "3899051"   "3935930"   "3998295"   "4061208"   "4093043"   "4326614"   "4356897"   "4417647"   "4441588"   "4469205"   "4471858"   "4951409"   "5358078"   "5624334"   "5632362"   "6003639"   "6075221"   "6230849"   "6340074").PN.	USPAT
5	1322	F16D069/04.IPC.	USPAT;
6	5	F16D069/04.IPC. and handle	US-PGPUB;
8	4	F16D069/04.IPC. and 188/258.ccls.	EPO; JPO;
7	6	F16D069/04.IPC. and "same material"	DERWENT;
9	0	61256032.URPN.	IBM_TDB
10	1	JP361256032A	USPAT;
11	6	KAWAKAMI and OOYAMA	USPAT;
12	31	F16D069/04.IPC. and 188/251\$.ccls.	US-PGPUB;
13	40	F16D069/04.IPC. and 188/73.1.ccls.	EPO; JPO;
14	2	4588050.URPN.	DERWENT;
15	2	callahan.in. and page.in.	IBM_TDB
16	110	(callahan.in. or page.in.) and brak\$4	USPAT;
17	16	(callahan.in. or page.in.) and brak\$4 same back\$4	US-PGPUB;
18	9	("0601651"   "1673027"   "1781074"   "1974561"   "2361307"   "2451326"   "2687191"   "3275105"   "3868002").PN.	EPO; JPO;
			DERWENT;
			IBM_TDB
			USPAT

19	6	F16D069/04.IPC. and arms! same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	230	F16D069/04.IPC. and (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	16	F16D069/04.IPC. and (back or backing) adj plate same (rivet or fastener) same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	6	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	5	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
25	0	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	2	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USOCR
27	2	F16D069/04.IPC. and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USOCR
28	0	188/73.1,250\$.ccls. and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	0	188/73.1,250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	440	188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	1458	188/250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	1744	188/73.1.ccls. or 188/250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	15	(188/73.1.ccls. or 188/250\$.ccls. ) and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	25	(188/73.1.ccls. or 188/250\$.ccls. ) and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

35	5	(188/73.1.ccls. or 188/250\$.ccls. ) and loop same back\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	10	(188/73.1.ccls. or 188/250\$.ccls. ) and loop same back\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
37	1	"3343770".PN.	USPAT
38	3	5732800.URPN.	USPAT
39	329	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	4	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate same (c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	64	188/250g.ccls. and 188/251\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	45	188/250g.ccls. and 188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	337	(188/250g).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
45	267	(188/258).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
46	56	188/250g.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
47	58	188/250g.ccls. and f16d069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
48	3209	(rivet or fastener) same ((back or backing) adj2 plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
49	0	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) near3 (made adj4 friction adj material) same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
50	7	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) same friction same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
51	23	(rivet or fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
52	2	(fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
53	2116	damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
54	51	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
-	1	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface) and 188/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; USOCR

55	42	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface) and 188/\$.ccls.	USOCR
56	85	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface)	USOCR
57	2	188/256.ccls. and 188/258.ccls.	USPAT; US-PGPUB
58	295	188/256.ccls. or 188/258.ccls.	USPAT; US-PGPUB
59	3	5597053.URPN.	USPAT
60	5	("0995067"   "1143518"   "1239448"   "1670224"   "4273219").PN.	USPAT
61	4	((rivet or fastener) adj5 material adj8 prevent\$) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
62	40	((rivet or fastener or bolt) near5 material) same prevent\$5 same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
63	54	(rivet or fastener or bolt) near5 (friction adj2 (material or substance)) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
64	0	(rivet or fastener or bolt) near5 (nonabrasive adj2 (material or substance)) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
65	0	(rivet or fastener or bolt) near5 nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
66	0	(rivet or fastener or bolt) near5 nonabrasive same brak\$4	USOCR
67	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
68	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
69	0	(rivet or fastener or bolt) same nonabrasive same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
70	15676	(rivet or fastener or bolt) same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
71	134	(rivet or fastener or bolt) same brak\$4 adj2 (back or backing)	USPAT; US-PGPUB; EPO; JPO; DERWENT
72	99	((rivet or fastener or bolt) same brak\$4 adj2 (back or backing)) same (back or backing) adj2 (member or plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT
73	0	505314.URPN.	USPAT
74	720	188/1.11\$.ccls.	USPAT; US-PGPUB
75	0	188/1.11\$.ccls. and rivets! near3 nonabrasive	USPAT; US-PGPUB
76	0	188/1.11\$.ccls. and rivets! near3 nonabrasive	USOCR
77	0	rivets! near3 nonabrasively adj engage	USPAT; US-PGPUB; EPO; JPO; DERWENT

78	0	(fastener or bolt or rivet) near3 nonabrasively same engage	USPAT; US-PGPUB; EPO; JPO; DERWENT
79	34	(fastener or bolt or rivet) near3 (friction or pad or shoe or lining) near4 material same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
80	35	(fastener or bolt or rivet) near3 (friction or pad or shoe or lining) near4 material same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
81	0	nonmetallic near3 (fastener or bolt or rivet) near3 (friction or pad or shoe or lining) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
82	0	nonmetallic near3 (fastener or bolt or rivet) same (friction or pad or shoe or lining) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
83	56	nonmetallic near3 (fastener or bolt or rivet)	USPAT; US-PGPUB; EPO; JPO; DERWENT
84	22	(friction adj material) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
85	0	(abrasvie) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
86	0	(abrasive) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
87	1	(abrasion) near3 (fastener or bolt or rivet) same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
92	229	(fastener or bolt or rivet) near3 friction same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
93	22	(fastener or bolt or rivet) near3 (friction or frictional) near3 material same (brake or braking)	USPAT; US-PGPUB; EPO; JPO; DERWENT
94	1	(fastener or bolt or rivet) near3 (friction or frictional) near3 material same (brake or braking) same (damage or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT
95	2	(fastener or bolt or rivet or attachment) near3 (friction or frictional) near3 material same (brake or braking) same (damage or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT
96	2018	(fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)	USPAT; US-PGPUB; EPO; JPO; DERWENT
97	692	((fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)) and 188/\$.ccls.	USOCR
98	191	((fastener or bolt or rivet or attachment) same (friction or frictional) same material same (brake or braking) same (damage or prevent or preventing)) same (back or backing) adj3 plate	USOCR



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1	166	(188/73.32).CCLS.	USPAT; US-PGPUB
2	68	(188/245).CCLS.	USPAT; US-PGPUB
3	8	4326614.URPN.	USPAT
4	23	("2379796"   "3162271"   "3194347"   "3838754"   "3899051"   "3935930"   "3998295"   "4061208"   "4093043"   "4326614"   "4356897"   "4417647"   "4441588"   "4469205"   "4471858"   "4951409"   "5358078"   "5624334"   "5632362"   "6003639"   "6075221"   "6230849"   "6340074").PN.	USPAT
5	1322	F16D069/04.IPC.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
6	5	F16D069/04.IPC. and handle	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
8	4	F16D069/04.IPC. and 188/258.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
7	6	F16D069/04.IPC. and "same material"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
9	0	61256032.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
10	1	JP361256032A	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
11	6	KAWAKAMI and OUYAMA	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
12	31	F16D069/04.IPC. and 188/251\$.ccls.	JPO
13	40	F16D069/04.IPC. and 188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
14	2	4588050.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
15	2	callahan.in. and page.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
16	110	(callahan.in. or page.in.) and brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
17	16	(callahan.in. or page.in.) and brak\$4 same back\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
18	9	("0601651"   "1673027"   "1781074"   "1974561"   "2361307"   "2451326"   "2687191"   "3275105"   "3868002").PN.	USPAT



19	6	F16D069/04.IPC. and arms! same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
20	230	F16D069/04.IPC. and (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
21	16	F16D069/04.IPC. and (back or backing) adj plate same (rivet or fastener) same material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
23	6	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
24	5	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
25	0	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 friction adj material	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
26	2	(brake or braking) near5 ((back or backing) adj plate) same (rivet or fastener) near4 material	USOCR
27	2	F16D069/04.IPC. and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
28	0	188/73.1,250\$.ccls. and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
29	0	188/73.1,250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
30	440	188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
31	1458	188/250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
32	1744	188/73.1.ccls. or 188/250\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
33	15	(188/73.1.ccls. or 188/250\$.ccls. ) and (ushape or unshaped or u adj shape or u adj shaped) same (back or backing) adj plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
34	25	(188/73.1.ccls. or 188/250\$.ccls. ) and loop	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB

35	5	(188/73.1.ccls. or 188/250\$.ccls. ) and loop same back\$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
36	10	(188/73.1.ccls. or 188/250\$.ccls. ) and loop same back\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
37	1	"3343770".PN.	USPAT
38	3	5732800.URPN.	USPAT
39	329	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
41	4	(188/73.1.ccls. or 188/250\$.ccls. ) and (backing or back) adj2 plate same (c adj shape or c adj shaped)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
43	64	188/250g.ccls. and 188/251\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
42	45	188/250g.ccls. and 188/73.1.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB
44	337	(188/250g).CCLS.	USPAT; US-PGPUB
45	267	(188/258).CCLS.	USPAT; US-PGPUB
46	56	188/250g.ccls.	EPO; JPO; DERWENT
47	58	188/250g.ccls. and f16d069/04.ipc.	USPAT; US-PGPUB; EPO; JPO; DERWENT
48	3209	(rivet or fastener) same ((back or backing) adj2 plate)	USPAT; US-PGPUB; EPO; JPO; DERWENT
49	0	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) near3 (made adj4 friction adj material) same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
50	7	((rivet or fastener) same ((back or backing) adj2 plate) ) same (rivet or fastener) same friction same damag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
51	23	(rivet or fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
52	2	(fastener) same damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
53	2116	damag\$4 near3 prevent\$ same brak\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT
54	51	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface)	USPAT; US-PGPUB; EPO; JPO; DERWENT
-	1	damag\$4 near3 prevent\$ same brak\$4 near2 (material or surface) and 188/\$.ccls.	USOCR

55	42	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface) and 188/\$.ccls.	USOCR
56	85	(damage or damaged or damaging) near3 (preventing or prevented or prevents or prevent) same (brake or braking) near2 (material or surface)	USOCR
57	2	188/256.ccls. and 188/258.ccls.	USPAT;
58	295	188/256.ccls. or 188/258.ccls.	US-PGPUB
59	3	5597053.URPN.	USPAT;
60	5	("0995067"   "1143518"   "1239448"   "1670224"   "4273219").PN.	US-PGPUB USPAT USPAT